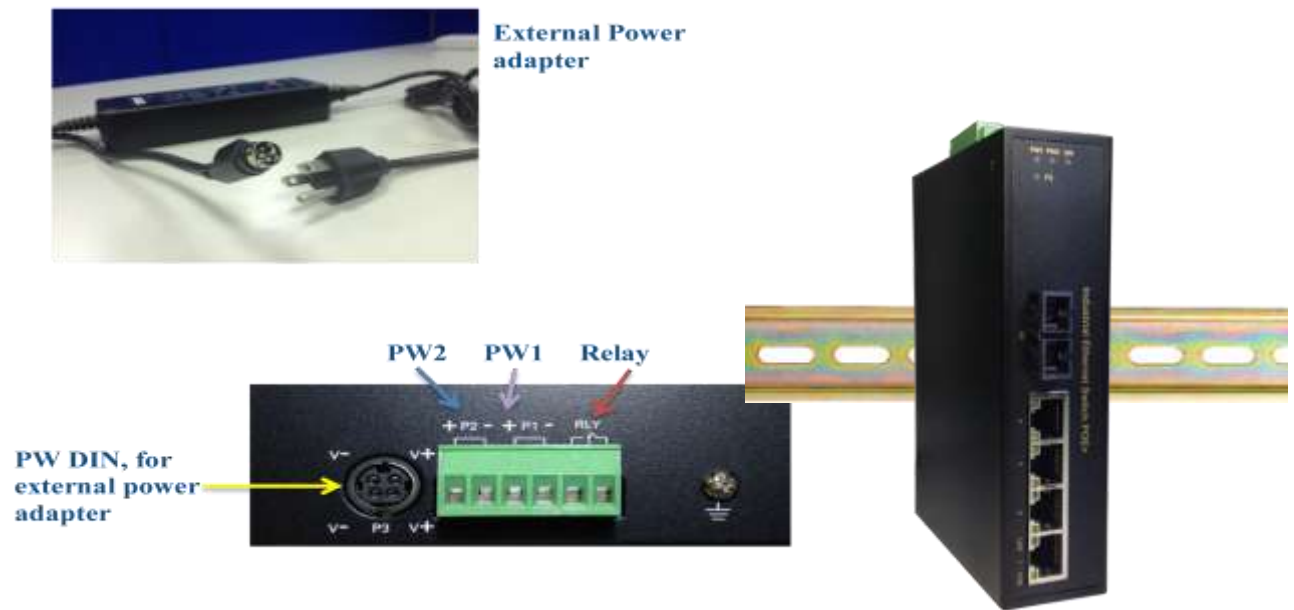<div style="border:1px solid">

FEP-75052F-S30

Rugged Industrial 5 port Fast Ethernet Switch, with 4 x 10/100M TX + 1 x 100M FX SM 30km SC, Support power 1, power 2, and power din (for external power adapter) 12-56VDC Power input,

Operating temp: -40°C to +75°C

</div>

External Power adapter

PW2   PW1   Relay

PW DIN, for external power adapter

FEP-75052F-S30

Introduction

This Industrial Fast Ethernet Switch is designed for 12-56VDC input sources, especially for IP surveillance, traffic monitoring and for a broad range of applications. It accepts 3 power input sources: PW1, PW2, and Power DIN (for external power adapter). It can be used as a stand-alone device for buses, trucks, and other vehicles for Surveillance purposes. It can also be cascaded/daisy-chained to other devices to cover wider areas through SC connection.
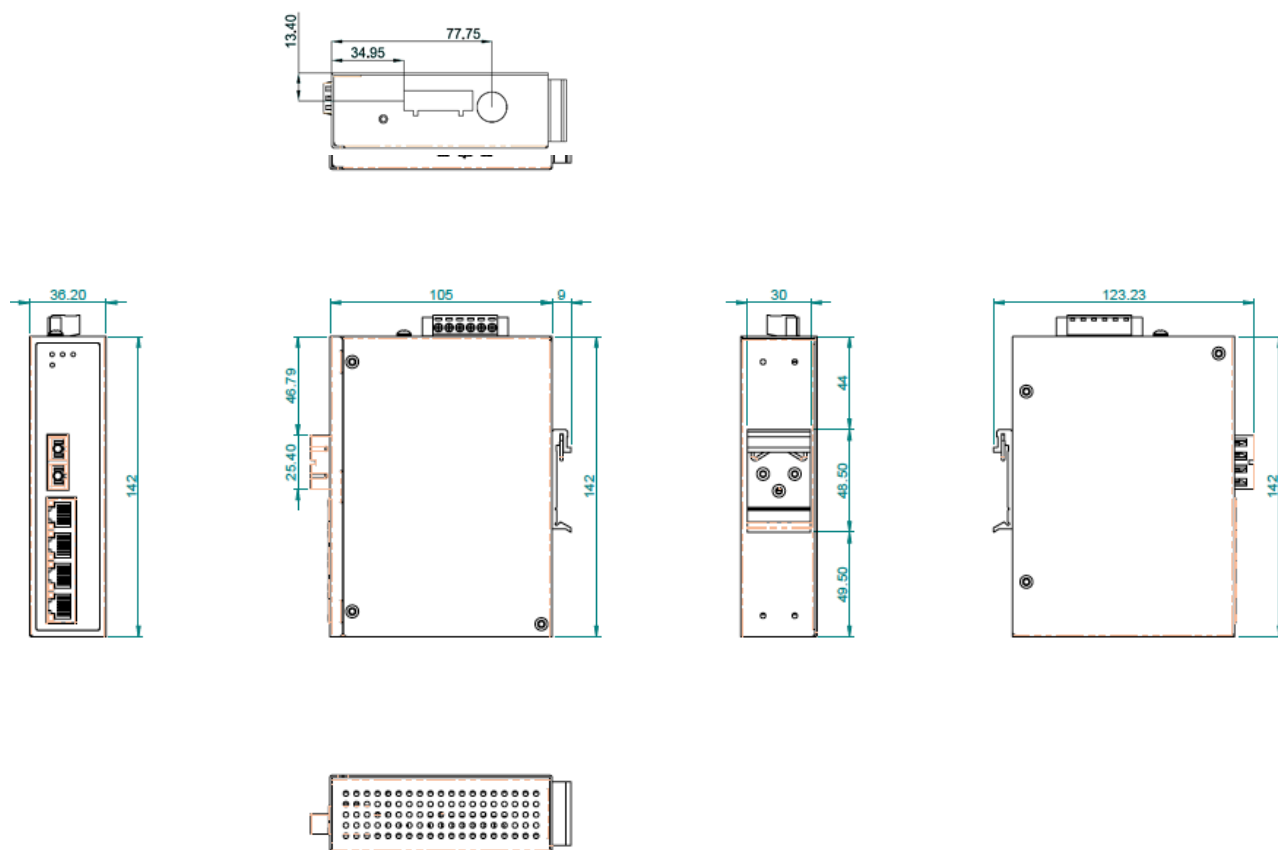
Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3u 100Base-FX Fast Ethernet IEEE802.3x Flow Control and Back Pressure
Switch Architecture	Back-plane (Switching Fabric): 1.0Gbps
Data Processing	Store and Forward
Flow Control:	IEEE 802.3x Flow Control and Back Pressure
MAC address Table Size	1K
Packet Buffer Size	1M
Network Connector :	4xRJ-45 10/100BaseT(X) auto negotiation, 4 x 10/100M port Auto MDI/MDI-X function, Full/Half duplex 1x100BaseX, SM SC 30km
Network Cable	UTP/STP above Cat.5e Cable
	EIA/TIA-568 10-ohm (100m) Fiber Cable (Multi-mode):50/125um,62.5/125um Fiber Cable (Single-mode): 9/125um
Protocol	CSMA/CD

LED	PW1 (Power 1) Green, PW2 (Power 2) Green, ERR (Fault) Amber,
	TX/RJ-45 port: LNK (Link/Active) Green, Flash TX/RX data
	Fiber Per port LED Link (Green) Active Flash
Reserve polarity protection	Present
Overload current protection	Present
Power Supply	Redundant Dual DC 12-56V Power Input
Power Consumption	3.76W@48 VDC full load
Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC, Relay in short circuit mode when 2 powers are connected. in open circuit mode when only one power supply is connected

Removable Terminal Block	Provides 2 Redundant power, Alarm relay contact ,6 Pin Wire range: 0.34mm^2 to 2.5mm^2 Solid wire (AWG):12-24/14-22 Stranded wire (AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm
Operating Temperature	-40℃ to 75℃
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40℃ to 85℃
MTBF (mean time between failure)	510,304 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (L x W x D)	142mmx36.2mmx105mm (LxWxD)
Installation mounting	DIN-Rail and wall mount brackets included
Certifications	
Safety	IEC EN60950-1
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55032 Class A
EN 60068-2-6	Vibration
EN 60068-2-27	Shock
EN 60068-2-32	Free Fall

Housing Dimension

NOTE:

Housing dimension is for purpose of showing product Length, Width, Height, din-rail, and terminal block's position and dimension. Please reference the LED Indicator Page for correct port order.